

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030986.D
 Acq On : 31 Aug 2022 18:18
 Operator : JC/MD
 Sample : N4436-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03-1.5-11.5-082922

Quant Time: Sep 06 02:21:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

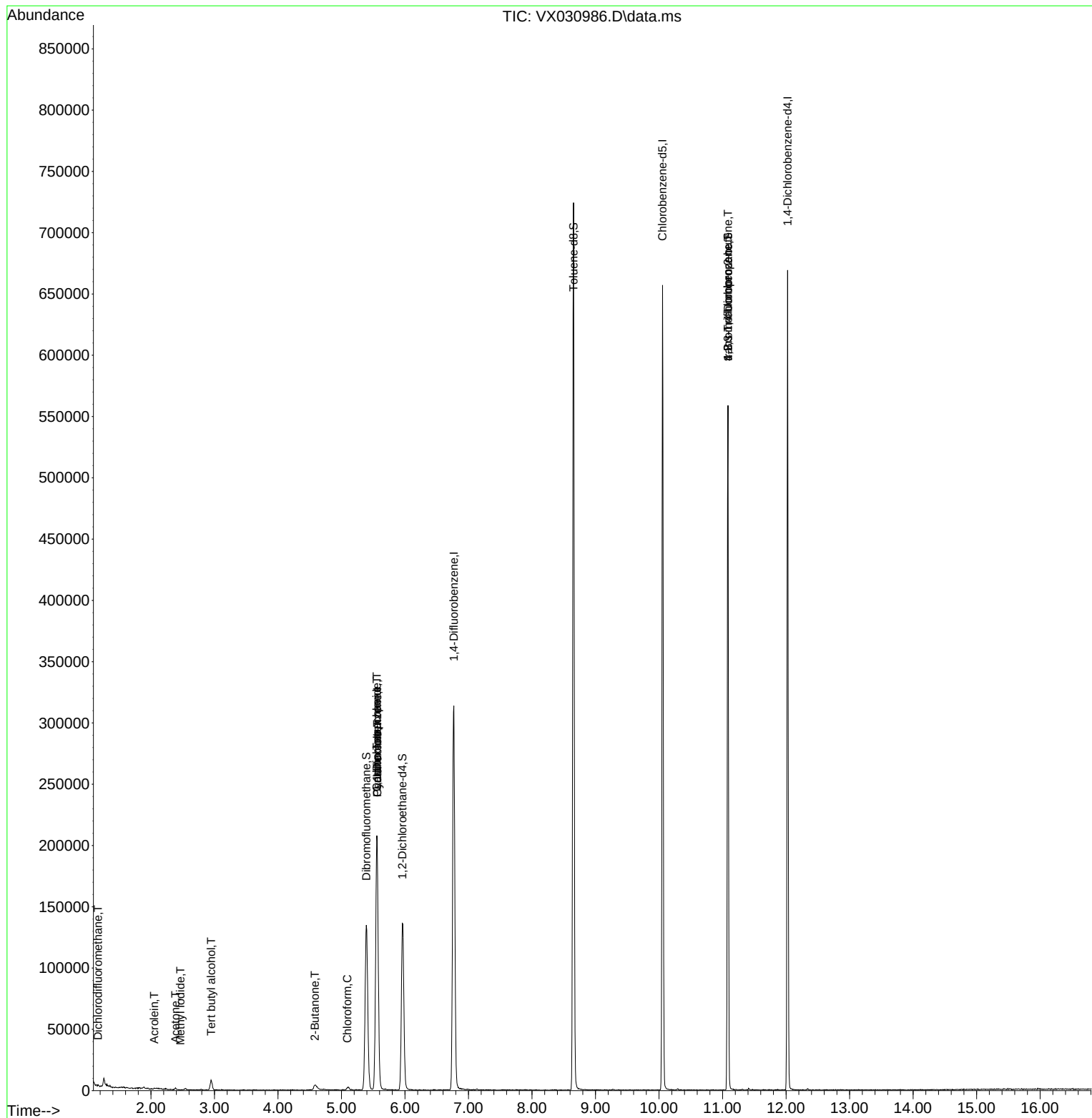
Internal Standards						
1) Pentafluorobenzene	5.562	168	202630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	347126	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133343	45.881	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.760%
35) Dibromofluoromethane	5.391	113	124466	48.642	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.280%
50) Toluene-d8	8.653	98	451991	47.697	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.400%
62) 4-Bromofluorobenzene	11.085	95	150832	44.697	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	530	0.247	ug/l	91
5) Bromomethane	1.611	94	155	Below Cal		82
10) Methyl Iodide	2.465	142	133	4.429	ug/l #	45
11) Tert butyl alcohol	2.947	59	4640	6.739	ug/l #	74
13) Acrolein	2.050	56	69	7.466	ug/l #	14
16) Acetone	2.386	43	1327	1.012	ug/l #	83
25) 2-Butanone	4.580	43	655	0.308	ug/l #	48
30) Chloroform	5.093	83	1579	0.316	ug/l	91
31) Cyclohexane	5.562	56	3879	0.902	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15284	4.019	ug/l #	49
38) Carbon Tetrachloride	5.556	117	20239	5.590	ug/l #	17
76) 1,2,3-Trichloropropane	11.085	75	70642	20.724	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	70642	61.616	ug/l #	13

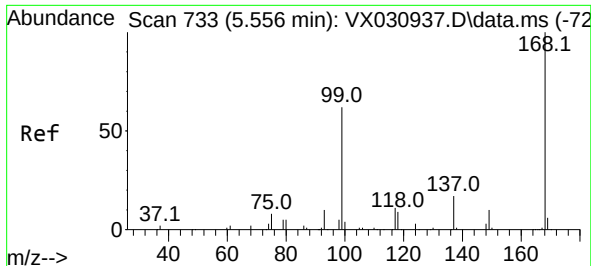
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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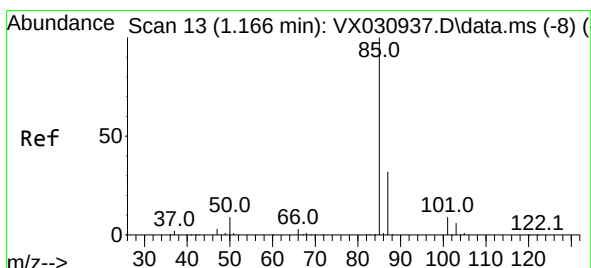
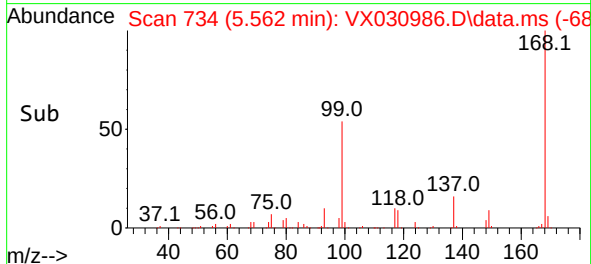
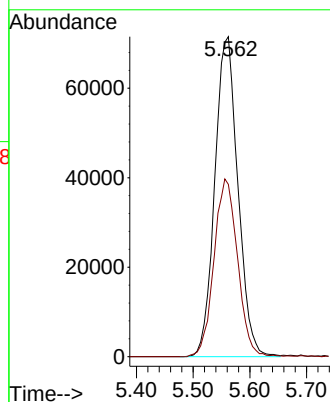
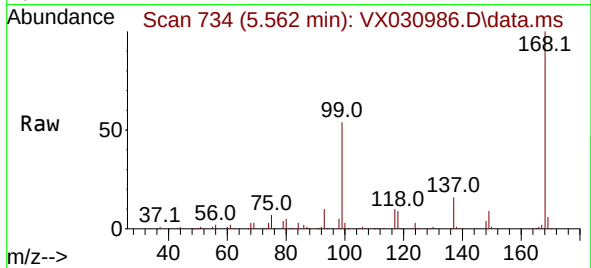




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030986.D
Acq: 31 Aug 2022 18:18

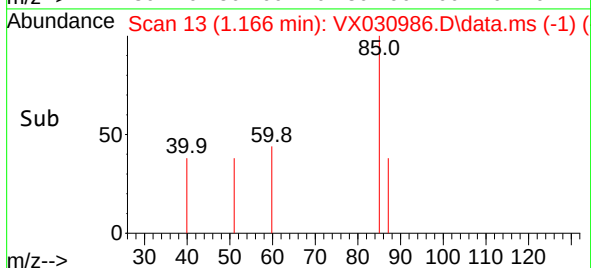
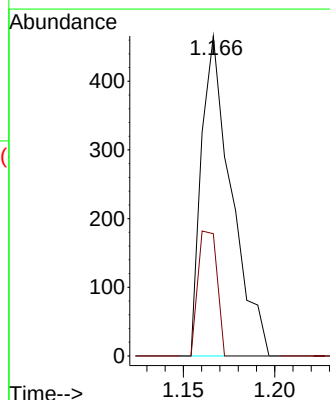
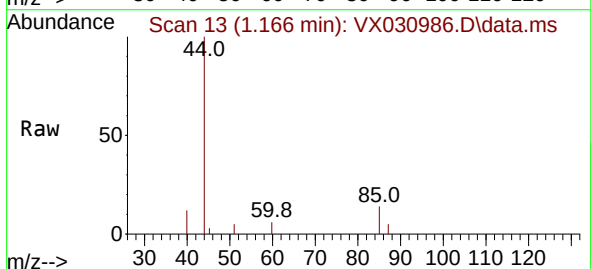
Instrument :
MSVOA_X
ClientSampleId :
MW-03-1.5-11.5-082922

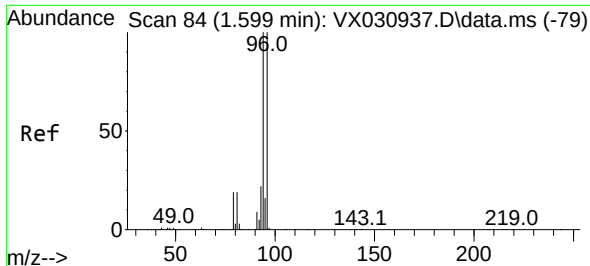
Tgt Ion:168 Resp: 202630
Ion Ratio Lower Upper
168 100
99 53.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.247 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030986.D
Acq: 31 Aug 2022 18:18

Tgt Ion: 85 Resp: 530
Ion Ratio Lower Upper
85 100
87 38.2 16.5 49.5

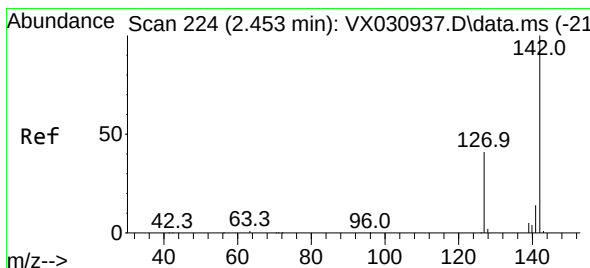
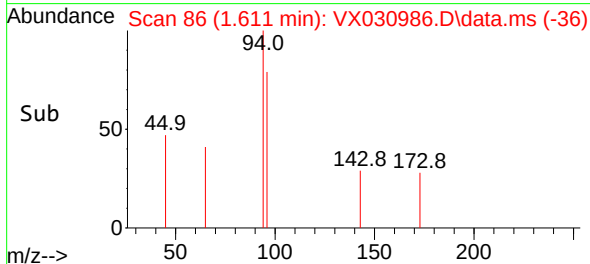
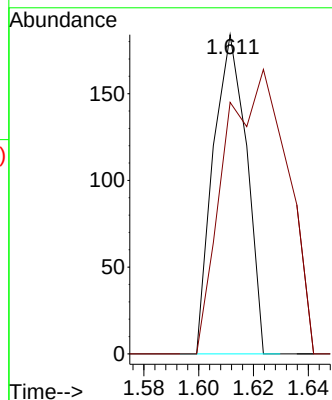
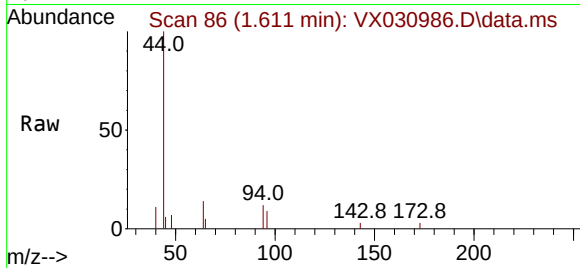




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX030986.D
Acq: 31 Aug 2022 18:18

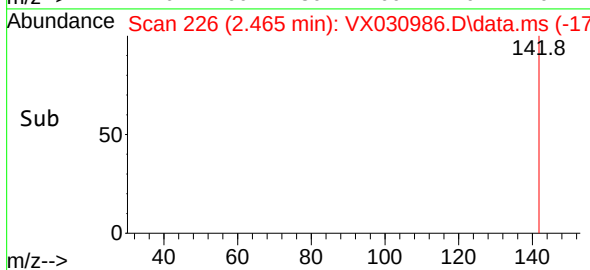
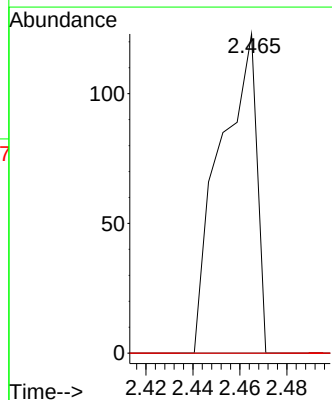
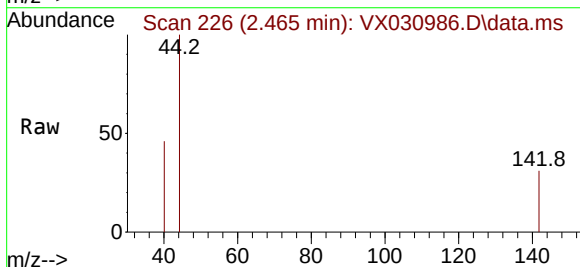
Instrument :
MSVOA_X
ClientSampleId :
MW-03-1.5-11.5-082922

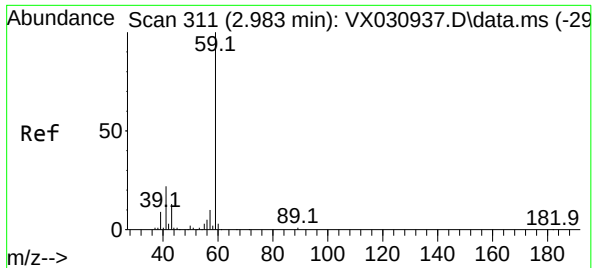
Tgt Ion: 94 Resp: 155
Ion Ratio Lower Upper
94 100
96 78.8 76.9 115.3



#10
Methyl Iodide
Concen: 4.429 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX030986.D
Acq: 31 Aug 2022 18:18

Tgt Ion: 142 Resp: 133
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

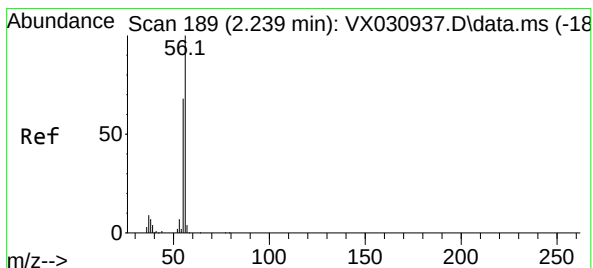
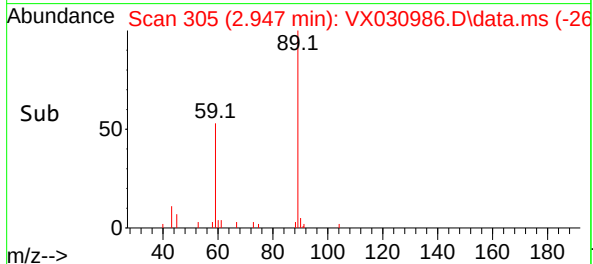
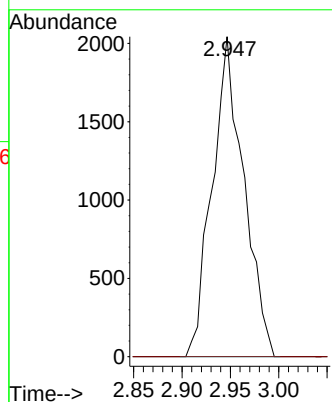
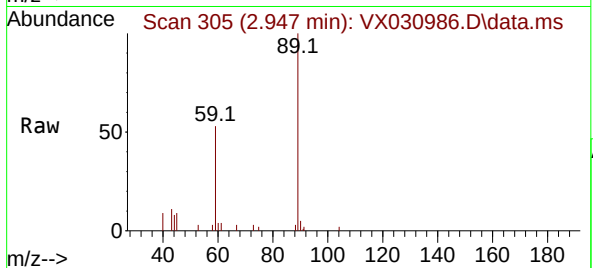




#11
Tert butyl alcohol
Concen: 6.739 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.042 min
Lab File: VX030986.D
Acq: 31 Aug 2022 18:18

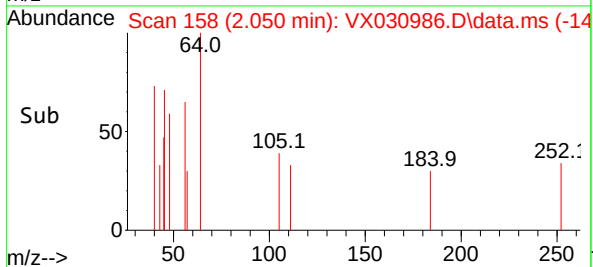
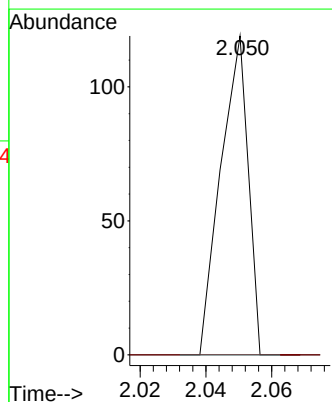
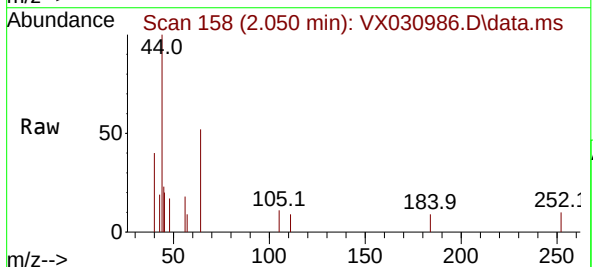
Instrument :
MSVOA_X
ClientSampleId :
MW-03-1.5-11.5-082922

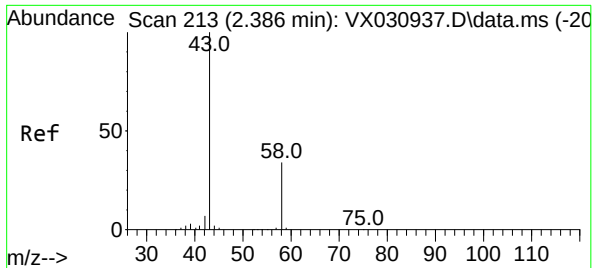
Tgt Ion: 59 Resp: 4640
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 7.466 ug/l
RT: 2.050 min Scan# 158
Delta R.T. -0.189 min
Lab File: VX030986.D
Acq: 31 Aug 2022 18:18

Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

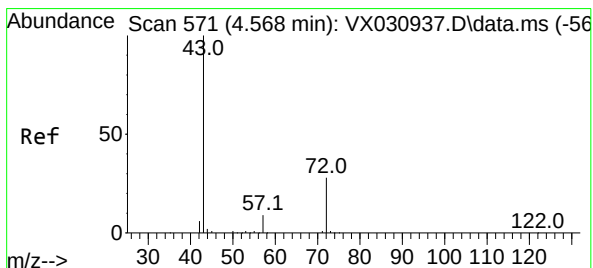
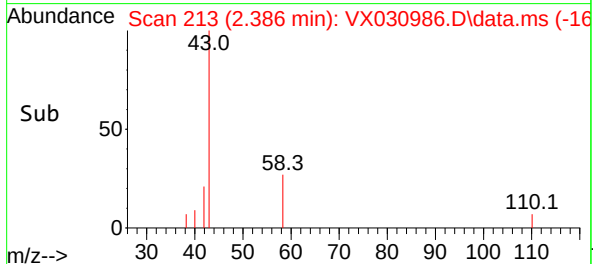
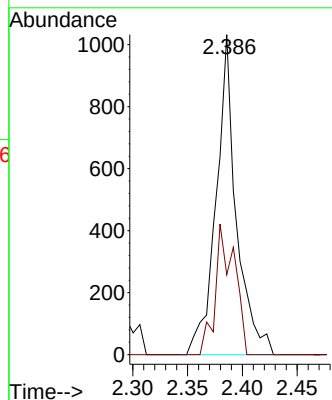
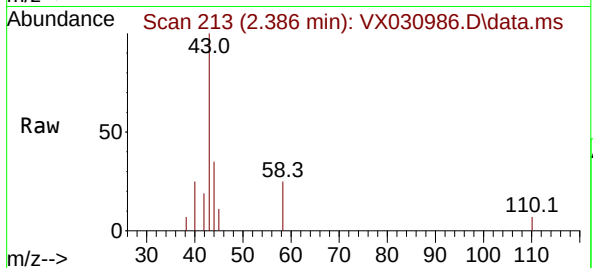




#16
Acetone
Concen: 1.012 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX030986.D
Acq: 31 Aug 2022 18:18

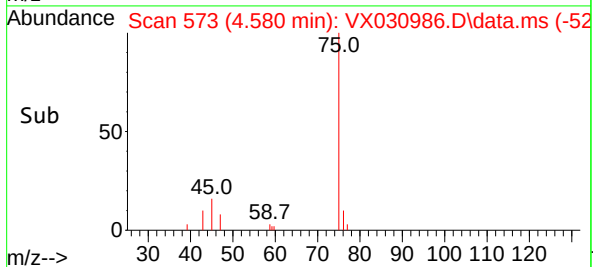
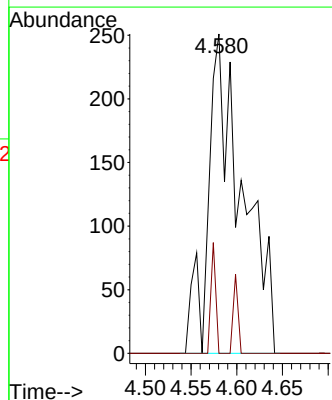
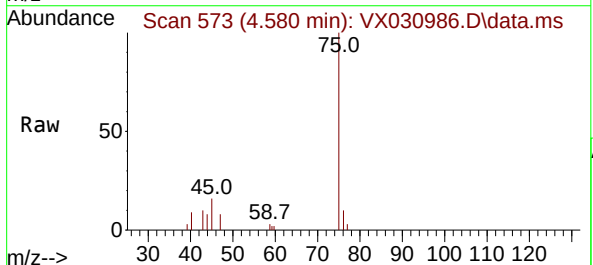
Instrument : MSVOA_X
ClientSampleId : MW-03-1.5-11.5-082922

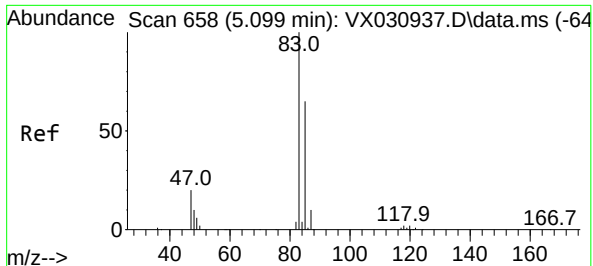
Tgt Ion: 43 Resp: 1327
Ion Ratio Lower Upper
43 100
58 25.0 27.7 41.5#



#25
2-Butanone
Concen: 0.308 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX030986.D
Acq: 31 Aug 2022 18:18

Tgt Ion: 43 Resp: 655
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#





#30

Chloroform

Concen: 0.316 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX030986.D

Acq: 31 Aug 2022 18:18

Instrument :

MSVOA_X

ClientSampleId :

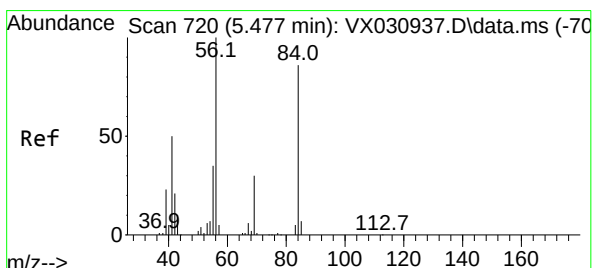
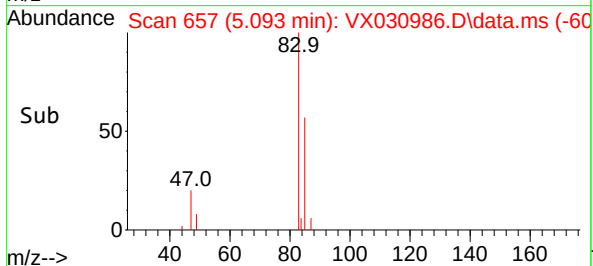
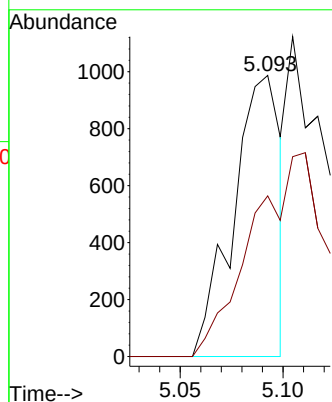
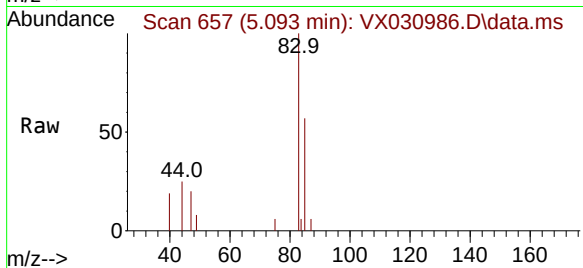
MW-03-1.5-11.5-082922

Tgt Ion: 83 Resp: 1579

Ion Ratio Lower Upper

83 100

85 57.1 51.5 77.3



#31

Cyclohexane

Concen: 0.902 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX030986.D

Acq: 31 Aug 2022 18:18

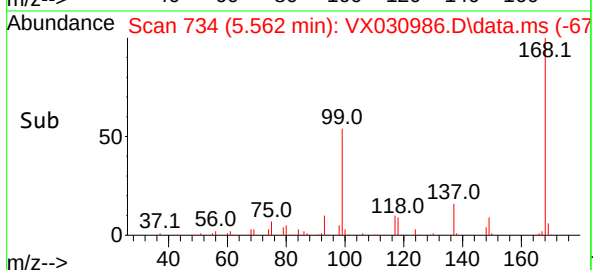
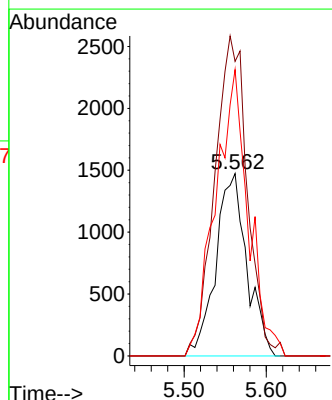
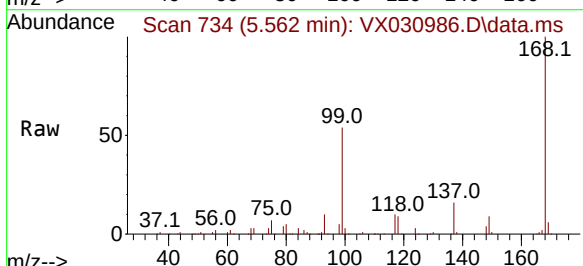
Tgt Ion: 56 Resp: 3879

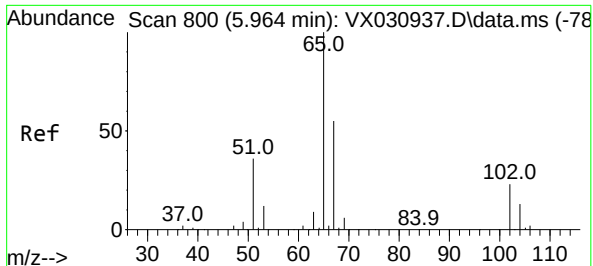
Ion Ratio Lower Upper

56 100

69 161.5 25.4 38.0#

84 157.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 45.881 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030986.D

Acq: 31 Aug 2022 18:18

Instrument :

MSVOA_X

ClientSampleId :

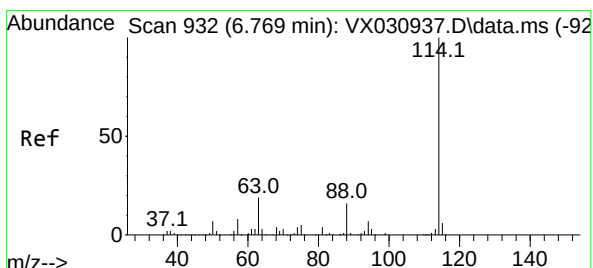
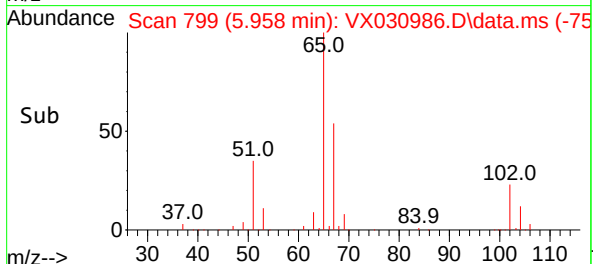
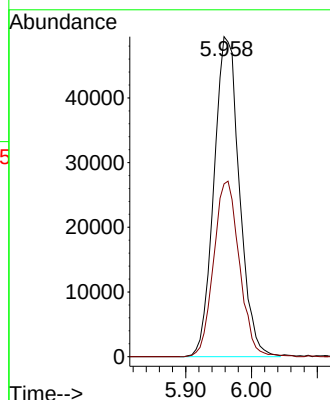
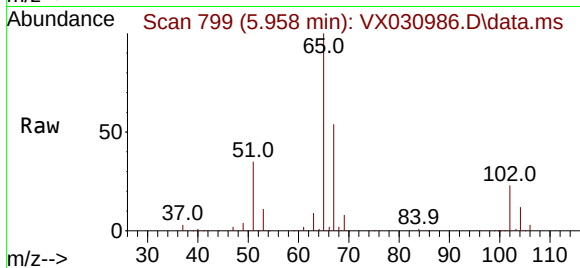
MW-03-1.5-11.5-082922

Tgt Ion: 65 Resp: 133343

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030986.D

Acq: 31 Aug 2022 18:18

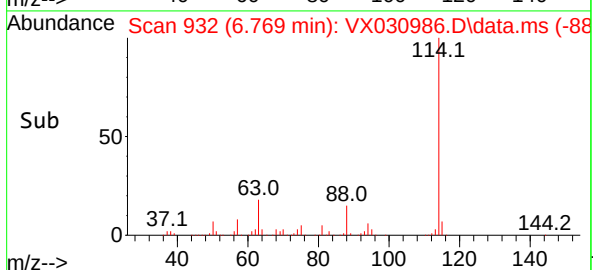
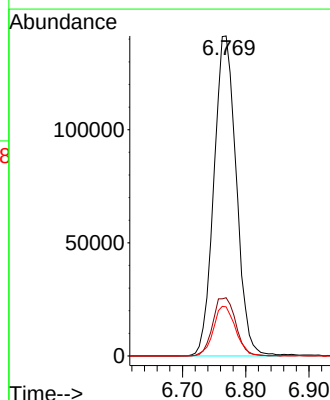
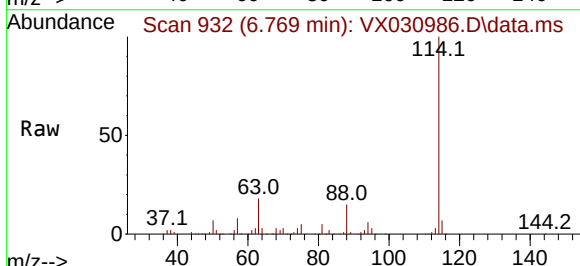
Tgt Ion: 114 Resp: 347126

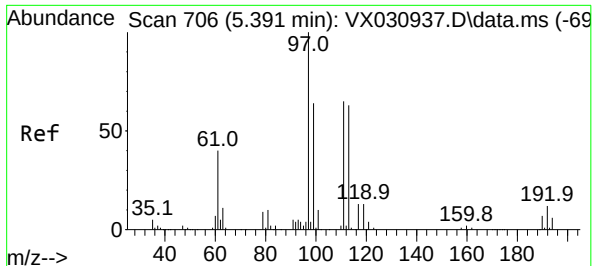
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.642 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030986.D

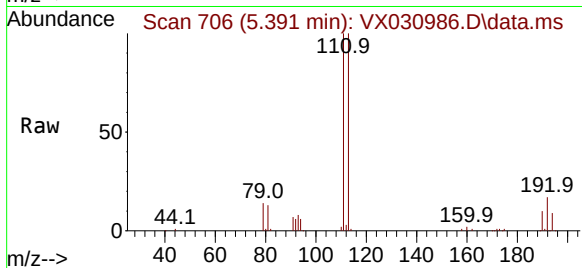
Acq: 31 Aug 2022 18:18

Instrument :

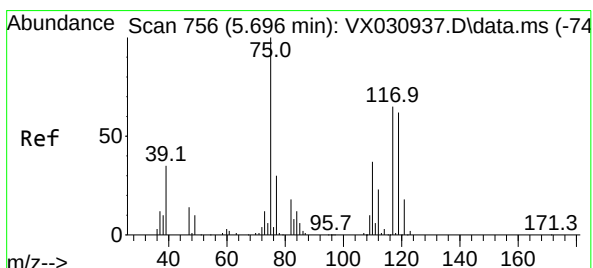
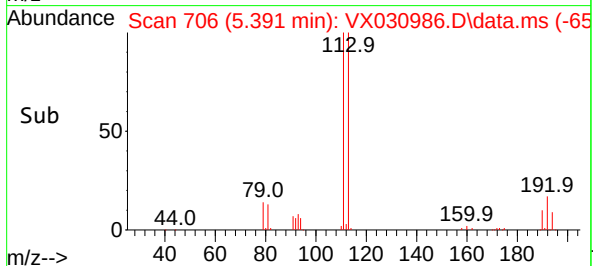
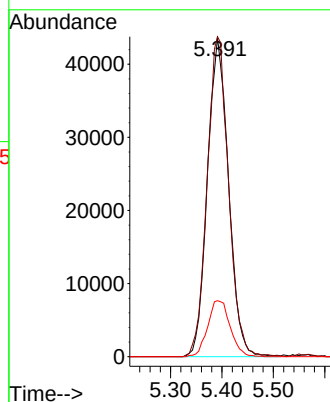
MSVOA_X

ClientSampleId :

MW-03-1.5-11.5-082922



Tgt Ion:	113	Resp:	124466
Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.2	124.8
192	18.7	14.8	22.2



#36

1,1-Dichloropropene

Concen: 4.019 ug/l

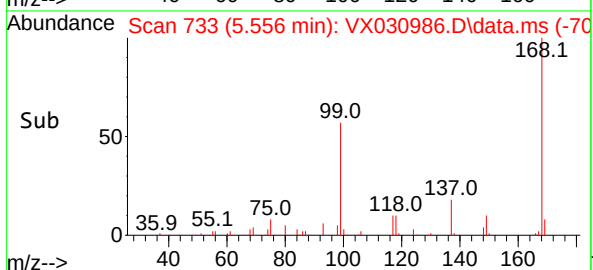
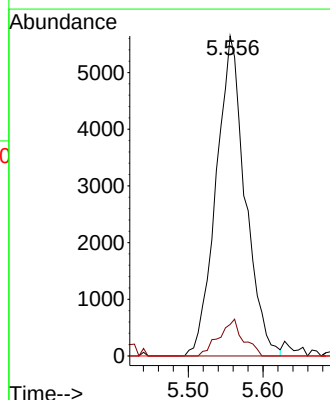
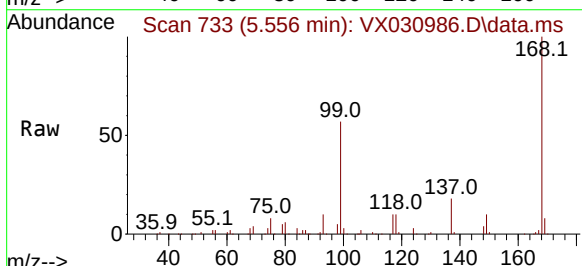
RT: 5.556 min Scan# 733

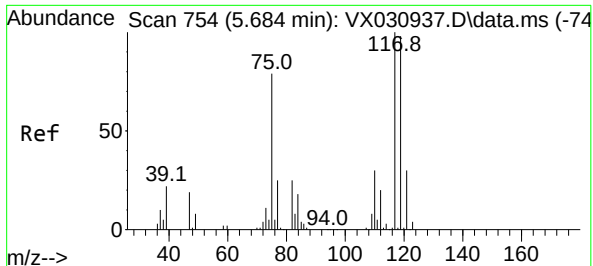
Delta R.T. -0.140 min

Lab File: VX030986.D

Acq: 31 Aug 2022 18:18

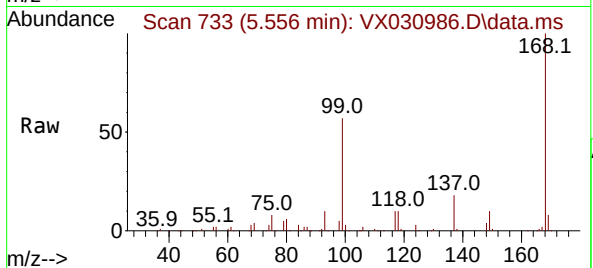
Tgt Ion:	75	Resp:	15284
Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.3	57.9#
77	0.0	24.4	36.6#



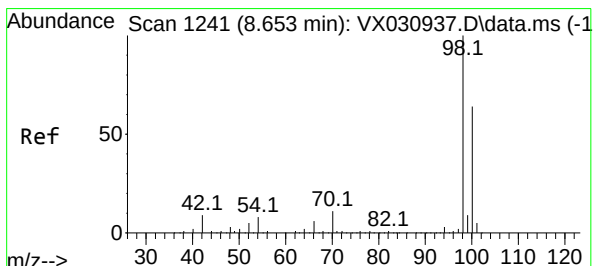
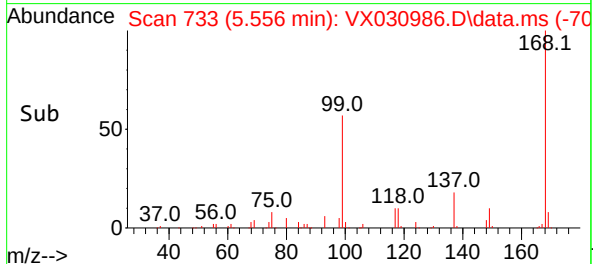
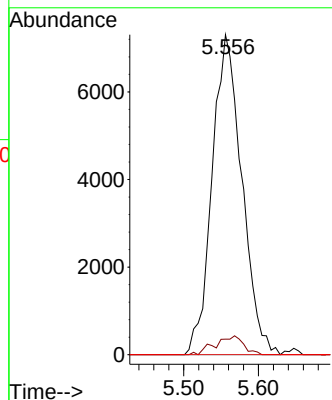


#38
Carbon Tetrachloride
Concen: 5.590 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX030986.D
Acq: 31 Aug 2022 18:18

Instrument :
MSVOA_X
ClientSampleId :
MW-03-1.5-11.5-082922

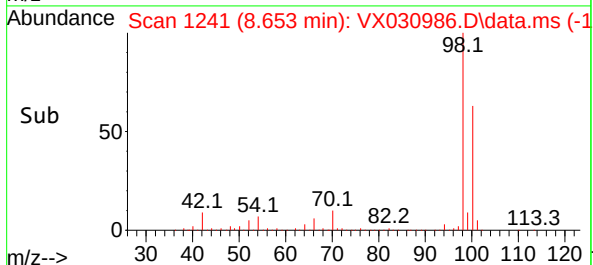
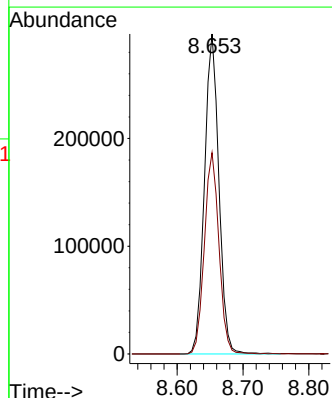
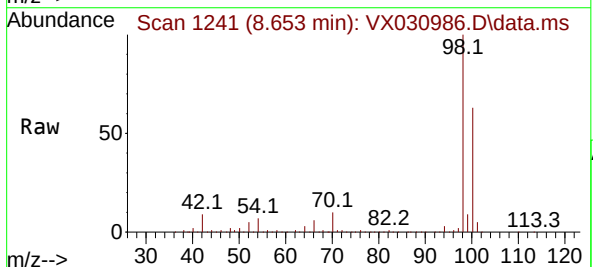


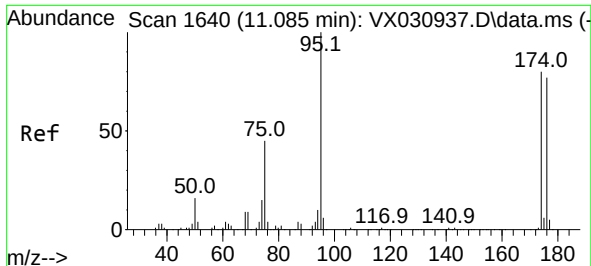
Tgt Ion:117 Resp: 20239
Ion Ratio Lower Upper
117 100
119 4.8 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 47.697 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030986.D
Acq: 31 Aug 2022 18:18

Tgt Ion: 98 Resp: 451991
Ion Ratio Lower Upper
98 100
100 63.6 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 44.697 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030986.D

Acq: 31 Aug 2022 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-03-1.5-11.5-082922

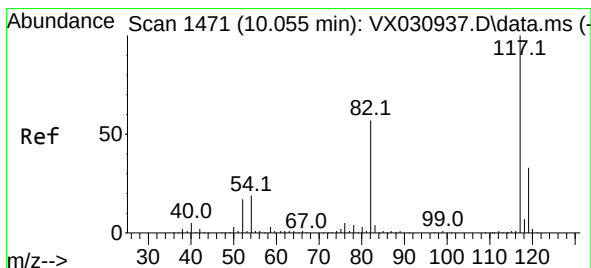
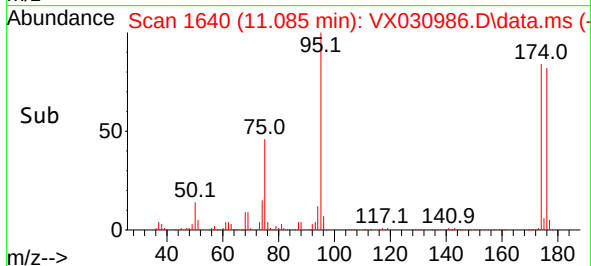
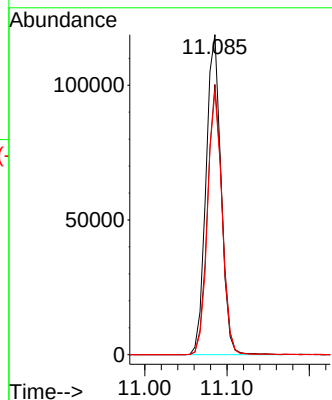
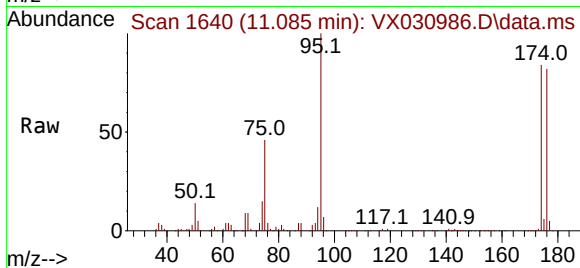
Tgt Ion: 95 Resp: 150832

Ion Ratio Lower Upper

95 100

174 82.1 0.0 149.0

176 78.9 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX030986.D

Acq: 31 Aug 2022 18:18

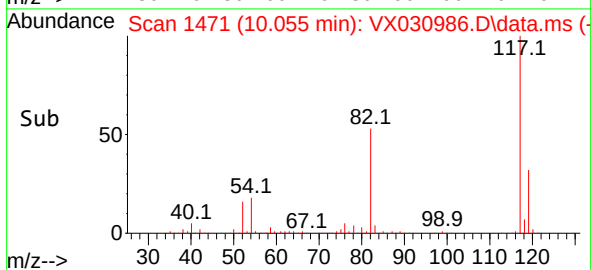
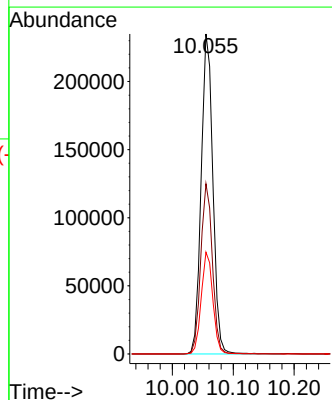
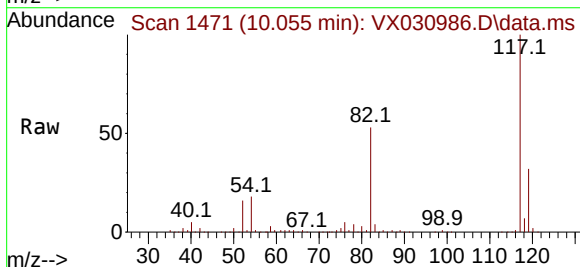
Tgt Ion: 117 Resp: 312821

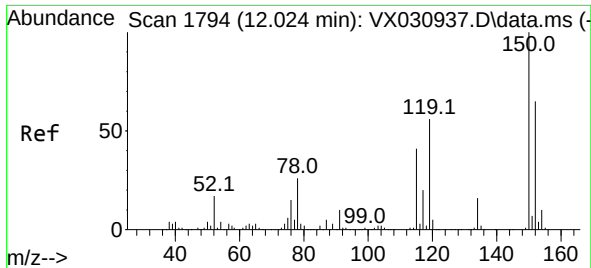
Ion Ratio Lower Upper

117 100

82 53.2 42.7 64.1

119 31.8 25.4 38.2

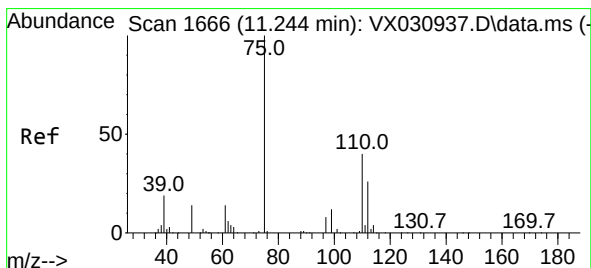
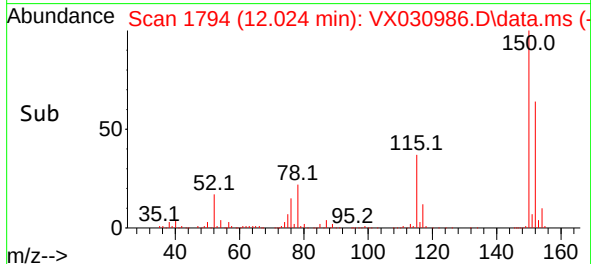
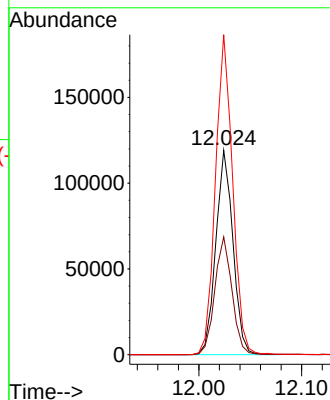
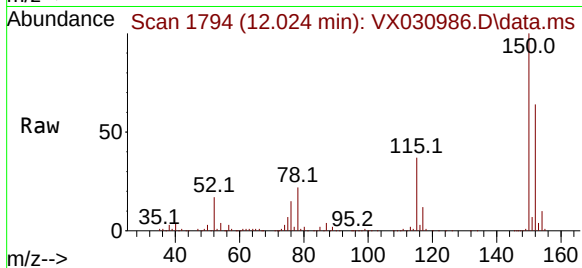




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030986.D
Acq: 31 Aug 2022 18:18

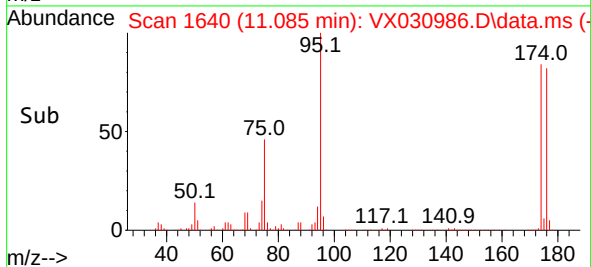
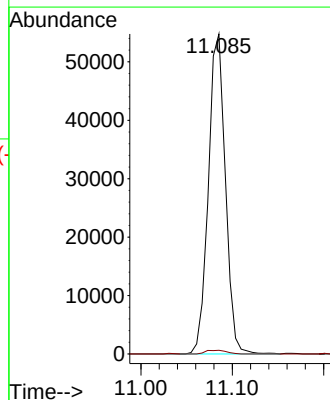
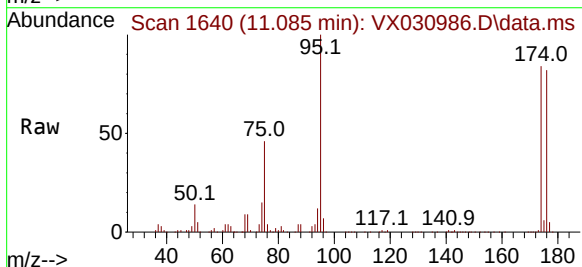
Instrument :
MSVOA_X
ClientSampleId :
MW-03-1.5-11.5-082922

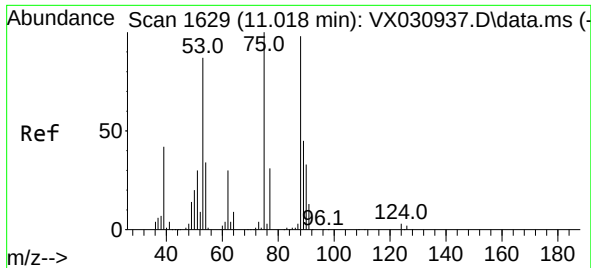
Tgt Ion:152 Resp: 138458
Ion Ratio Lower Upper
152 100
115 57.7 40.5 121.5
150 156.5 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 20.724 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030986.D
Acq: 31 Aug 2022 18:18

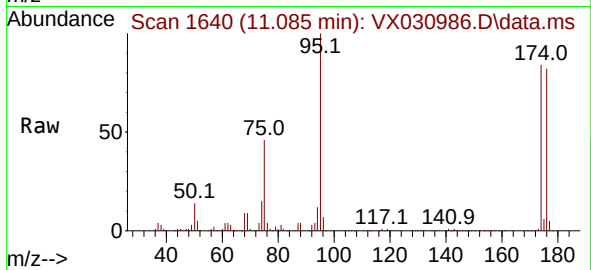
Tgt Ion: 75 Resp: 70642
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.616 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX030986.D
 Acq: 31 Aug 2022 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03-1.5-11.5-082922



Tgt Ion: 75 Resp: 70642
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

